



1646

Atty. Dkt. No. 063391-0202

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Matthew Patricelli  
Title: ACTIVITY BASED PROBE  
ANALYSIS  
Appl. No.: 10/049,164  
Filing Date: 02/06/2002  
Examiner:  
Art Unit:

<p><b>CERTIFICATE OF MAILING</b> I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.</p> <p><u>DIANE GARCIA</u> (Printed Name)</p> <p><u>Diane Garcia</u> (Signature)</p> <p><u>9-21-02</u> (Date of Deposit)</p>
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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop Amendment-IDS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

**RELEVANCE OF EACH DOCUMENT**

Any document listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding European application. A copy of the European Search Report is attached setting forth the portion of each document considered relevant by the examiner. An English-language counterpart of the foreign-language documents has not been provided. The absence of a translation or an English-language counterpart document does not relieve the PTO from its duty to consider any submitted document (37 CFR §1.98 and MPEP§609).

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Respectfully submitted,

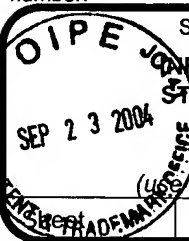
Date 21 Sept. 2004

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		Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number		10/049,164	
		Filing Date		10/21/2002	
		First Named Inventor		Patricelli	
		Group Art Unit		1646	
		Examiner Name			
1 of 2		Attorney Docket Number		063391-0202	

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	6,127,134		Minden et al.	10-03-2000	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A2	WO	01/77668		The Scripps Research Institute	10-18-2001		
	A3	WO	00/11208		University of Washington	03-02-2000		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	A4	Supplementary European Search Report for Application No. EP 02714857.6-2404-US0203808	
	A5	Urwin and Jackson, "A Multiple high-resolution mini two-dimensional polyacrylamide gel electrophoresis system: Imaging two-dimensional gels using a cooled charge-coupled device after staining with silver or labeling with fluorophore." Analytical Biochemistry 195:30-37, 1991.	
	A6	Greenbaum et al., Epoxide electrophiles as activity-dependent cysteine protease profiling and discovery tools." Chemistry & Biology, 7:569-581, 2000.	
	A7	Adam et al., Profiling the specific reactivity of the proteome with non-directed activity-based probes. Chemistry & Biology, 8:81-95, 2001.	
	A8	Cravatt and Sorensen, Chemical strategies for the global analysis of protein function, Current Opinoin in Chemical Biology, 4:663-668, 2000.	
	A9	Liu et al., Activity-based protein profiling: The serine hydrolases, PNAS, 96:14694-14699, 1999.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

**Complete if Known**

Application Number	10/049,164
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	A10	Patricelli et al., Direct visualization of serine hydrolase activities in complex proteomes using fluorescent active site-directed probes. Proteomics, 1:1067-1071, 2001.	
	A11	Bogyo et al., Covalent modification of the active site threonine of proteasomal $\beta$ subunits and the Escherichia coli homolog HsIV by a new class of inhibitors. PNAS, 94:6629-6634, 1997.	

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**Date  
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